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EXAMINER

TANG, KAREN C

ART UNIT	PAPER NUMBER
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2151

DATE MAILED: 03/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/003,509	Applicant(s) HERTLING ET AL.	
	Examiner Karen C Tang	Art Unit 2151	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-50 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-50 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11/1/01 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>11/1/01</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Objections

Claim 11 is objected to because of the following informalities: The Examiner is unclear of the phrase "an application that receives a file the user system", thus, the Examiner interprets the claim language as "an application that receives a file from the user system". Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-50 are rejected under 35 U.S.C. 102(e) as being anticipated by Kikinis (US 6,553,410).

1. Referring to Claim 1, Kikinis discloses a method of establishing an interface (33, Fig 2) between a service (Proxy-Server 19, refer to Fig 3 and 4) and an application (NanoBrowser, refer to Col 10, Lines 1-10) comprising: receiving a file (refer to 85, Fig 4) by the application from a user system (refer to 76, Fig 4) wherein the file contains standardized interface data (JPG is a standard interface data, refer to Fig 4);

providing the file to the service (refer to 99, Fig 4);
generating a return file by the service (refer to 87, Fig 4), wherein the return file contains
standardized interface data;
providing the return file to the application (refer to 95, Fig 4);
and providing the return file to the user system (refer to 105, Fig 4).

2. Referring to Claim 2, Kikinis discloses the method of establishing an interface
between a service (Proxy-Server 19, refer to Fig 3 and 4) and an application
(NanoBrowser, refer to Col 10, Lines 1-10) wherein the return file (refer to 105, Fig 4) is
presented as a browser interface (refer to 107, Fig 4).

3. Referring to Claims 3, 33 and 43, Kikinis discloses the method of establishing an
interface (refer to 103, Fig 4) between a service (Proxy-Server 19, refer to Fig 3 and 4)
and an application (NanoBrowser, refer to Col 10, Lines 1-10) of claim 1 further
comprising: generating a dynamic user interface (session script, refer to Fig 3 and 4,
Col 9, Lines 65-67) specification by the service (Proxy-Server 19, refer to Fig 3 and 4),
providing the dynamic user interface specification to application (NanoBrowser, refer to
Col 10, Lines 1-10); generating a user interface response by the application (refer to Col
10, Lines 6-67); and providing the user interface response to the service (refer to Col
10, Lines 6-67).

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4. Referring to Claim 4, Kikinis discloses the method of establishing an interface (Other Activity, refer to Col 10, Lines 20-30) between a service (Proxy-Server 19, refer to Fig 3 and 4) and an application (NanoBrowser, refer to Col 10, Lines 1-10) of claim 3 wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

5. Referring to Claim 5, Kikinis discloses the method of establishing an interface (refer to Col 10, Lines 30-35) between a service (Proxy-Server 19, refer to Fig 3 and 4) and an application (NanoBrowser, refer to Col 10, Lines 1-10) of claim 3 wherein the user system (Hand Held Field Unit 13, refer to Fig 4) determines content of the user interface response (refer to Col 10, Lines 10-67).

6. Referring to Claim 6, Kikinis discloses the method of establishing an interface (refer to Col 10, Lines 30-35) between a service (Proxy-Server 19, refer to Fig 3 and 4) and an application (NanoBrowser, refer to Col 10, Lines 1-10) of claim 5 wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

7. Referring to Claim 7, Kikinis discloses the method of establishing an interface (refer to Col 10, Lines 30-35) between a service (Proxy-Server 19, refer to Fig 3 and 4) and application (NanoBrowser, refer to Col 10, Lines 1-10) of claim 3 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user

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interface response (refer to Col 10, Lines 30-35) are written in a markup language (refer to Col 4, Lines 15-25).

8. Referring to Claim 8, Kikinis discloses the method of establishing an interface (refer to Col 10, Lines 30-35) between a service (Proxy-Server 19, refer to Fig 3 and 4) and application (NanoBrowser, refer to Col 10, Lines 1-10) of claim 4 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 30-35) are written in a markup language (refer to Col 4, Lines 15-25).

9. Referring to Claim 9, Kikinis discloses an interface (refer to Col 10, Lines 30-35) between a service (Proxy-Server 19, refer to Fig 3 and 4) and application (NanoBrowser, refer to Col 10, Lines 1-10) of claim 5 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 30-35) are written in a markup language (refer to Col 4, Lines 15-25).

10. Referring to Claim 10, Kikinis discloses an interface (refer to Col 10, Lines 30-35) between a service (Proxy-Server 19, refer to Fig 3 and 4) and application (NanoBrowser, refer to Col 10, Lines 1-10) of claim 6 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface

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response (refer to Col 10, Lines 30-35) are written in a markup language (refer to Col 4, Lines 15-25).

11. Referring to Claim 11, Kikinis discloses a system for establishing an interface comprising of:

a user system (refer to 13, Fig 2); an application (NanoBrowser, refer to Col 10, Lines 1-10) that receives a file (email, refer to Col 14, Lines 29-40) the user system, wherein the file contains standardized interface data (JPG is a standard interface data, refer to Fig 4);

and a service (Proxy-Server 19, refer to Fig 3 and 4) that receives the file and generates a return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) containing standardized interface data (HTML is a standard interface as well, refer to Col 4, Lines 15-25), sending the return file to the application and the user system (Hand Field Unit 13, and action 107 and 109, refer to Fig 4).

12. Referring to Claim 12, Kikinis discloses the system for establishing an interface (refer to Col 10, Lines 30-35) of claim 11 wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

13. Referring to Claim 13, Kikinis discloses the system for establishing an interface (refer to Col 10, Lines 30-35) of claim 11 further comprised of: a dynamic user interface

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specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) generated by the service (Proxy-Server 19, refer to Fig 3 and 4), wherein the dynamic user interface specification is provided to the application; and a user interface response (refer to Col 10, Lines 30-35) generated by the application; wherein the user interface response is provided to the service (refer to 89, 91, 97, 99, 101, 103, 107, and 109, Fig 4).

14. Referring to Claim 14, Kikinis discloses an interface (refer to Col 10, Lines 30-35) wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

15. Referring to Claim 15, Kikinis discloses an interface (refer to Col 10, Lines 30-35) wherein the user system (Hand Held Field Unit 13, refer to Fig 4) determines content of the user interface response (refer to Col 10, Lines 10-67).

16. Referring to Claim 16, Kikinis discloses the system (13, refer to Fig 2) for establishing an interface (refer to Col 10, Lines 30-35) wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

17. Referring to Claim 17, Kikinis discloses the system (Hand Held Field Unit 13, refer to Fig 4) for establishing an interface (refer to Col 10, Lines 30-35) of claim of claim 13 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines

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65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

18. Referring to Claim 18, Kikinis discloses the system (Hand Held Field Unit 13, refer to Fig 4) for establishing an interface (refer to Col 10, Lines 30-35) of claim of claim 14 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

19. Referring to Claim 19, Kikinis discloses the system (Hand Held Field Unit 13, refer to Fig 4) for establishing an interface (refer to Col 10, Lines 30-35) of claim of claim 15 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

20. Referring to Claim 20, Kikinis discloses the system (Hand Held Field Unit 13, refer to Fig 4) for establishing an interface (refer to Col 10, Lines 30-35) of claim of claim 16 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

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21. Referring to Claims 21, 31 and 41, Kikinis discloses a computer system (Hand Held Field Unit 13, refer to Fig 4) comprising a processor (25, Fig 2); a computer (13, refer to Fig 4, PDA is a form of computer); computer readable medium (17 and 35, it is inherent that modem consist of IP address which is configurable/coded with user's needs, refer to Col 6, Lines 25-55) coupled to the processor; and computer code encoded in the computer readable medium, configured to cause the processor to: receive a file by the application from a user system (refer to 76, Fig 4), wherein the file contains standardized interface data (JPG is a standard interface Data.); provide the file to the service (99, refer to Fig 4); generate a return file by the service (87, refer to Fig 4), wherein the return file contains standardized interface data; provide the return file to the application (95, refer to Fig 4); and provide the return file to the user system (105, refer to Fig 4).

22. Referring to Claim 22, Kikinis discloses wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

23. Referring to Claim 23, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) wherein the processor (25, Fig 2) further: generates a dynamic user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) by the service (Proxy-Server 19, refer to Fig 3 and 4); provides the dynamic user interface specification to application (NanoBrowser, refer to Col 10, Lines 1-10); generates a user

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interface response by the application (refer to Col 10, Lines 6-67); and provides the user interface response to the service (refer to Col 10, Lines 6-67).

24. Referring to Claim 24, Kikinis discloses wherein the configurations file (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) is written in an extensible markup language (refer to Col 4, Lines 15-25).

25. Referring to Claim 25, Kikinis discloses wherein the user system (Hand Held Field Unit 13, refer to Fig 4)) determines content (menu selection which lead to different set of display) of the user interface response (refer to Col 10, Lines 10-67).

26. Referring to Claim 26, Kikinis discloses wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

27. Referring to Claim 27, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

28. Referring to Claim 28, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script,

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refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

29. Referring to Claim 29, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

30. Referring to Claim 30, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

32. Referring to Claim 32, Kikinis discloses wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

34. Referring to Claim 34, Kikinis discloses wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

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35. Referring to Claim 35, Kikinis discloses wherein the user system (Hand Held Field Unit 13, refer to Fig 4)) determines content (menu selection which lead to different set of display) of the user interface response (refer to Col 10, Lines 10-67).

36. Referring to Claim 36, Kikinis discloses wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

37. Referring to Claim 37, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

38. Referring to Claim 38, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

39. Referring to Claim 39, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

40. Referring to Claim 40, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

42. Referring to Claim 42, Kikinis discloses wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

44. Referring to Claim 44, Kikinis discloses wherein the configurations file (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) is written in an extensible markup language (refer to Col 4, Lines 15-25).

45. Referring to Claim 45, Kikinis discloses wherein the user system (Hand Held Field Unit 13, refer to Fig 4)) determines content (menu selection which lead to different set of display) of the user interface response (refer to Col 10, Lines 10-67).

46. Referring to Claim 46, Kikinis discloses wherein the return file (response and form a necessary interface, interface is a form of files, refer to Col 10, Lines 30-35) is presented as a browser interface.

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47. Referring to Claim 47, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

48. Referring to Claim 48, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

49. Referring to Claim 49, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

50. Referring to Claim 50, Kikinis discloses the computer system (Hand Held Field Unit 13, refer to Fig 4) of claim 23 wherein the user interface specification (session script, refer to Fig 3 and 4, Col 9, Lines 65-67) and user interface response (refer to Col 10, Lines 10-67) are written in a markup language (refer to Col 4, Lines 15-25).

Conclusion

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen C Tang whose telephone number is (571)272-3116. The examiner can normally be reached on M-F 7 - 3.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on (571)272-3939. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KT


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